Title (en)

METHOD, APPARATUS, DEVICE, COMPUTER-READABLE MEDIUM FOR BANDWIDTH EXTENSION OF AN AUDIO SIGNAL USING A SCALED HIGH-BAND EXCITATION

Title (de)

VERFAHREN, VORRICHTUNG, GERÄT, COMPUTERLESBARES MEDIUM ZUR BANDBREITENERWEITERUNG EINES AUDIOSIGNALS UNTER VERWENDUNG EINER SKALIERTEN HOCHBAND ANREGUNG

Title (fr)

PROCÉDÉ, DISPOSITIF, APPAREIL, SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR POUR L'EXTENSION DE BANDE PASSANTE D'UN SIGNAL AUDIO UTILISANT UNE EXCITATION EN BANDE HAUTE MISE À L'ÉCHELLE

Publication

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Application

EP 14796594 A 20141014

Priority

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- US 201414512892 A 20141013
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Abstract (en)

[origin: US2015106107A1] A method includes determining a first modeled high-band signal based on a low-band excitation signal of an audio signal, where the audio signal includes a high-band portion and a low-band portion. The method also includes determining scaling factors based on energy of sub-frames of the first modeled high-band signal and energy of corresponding sub-frames of the high-band portion of the audio signal. The method includes applying the scaling factors to a modeled high-band excitation signal to determine a scaled high-band excitation signal and determining a second modeled high-band signal based on the scaled high-band excitation signal. The method includes determining gain parameters based on the second modeled high-band signal and the high-band portion of the audio signal.

IPC 8 full level

G10L 21/038 (2013.01); G10L 19/083 (2013.01)

CPC (source: EP KR RU US)

G10L 19/0204 (2013.01 - KR RU); G10L 19/035 (2013.01 - KR US); G10L 19/08 (2013.01 - KR); G10L 19/083 (2013.01 - KR RU); G10L 21/038 (2013.01 - EP KR RU US); G10L 21/0388 (2013.01 - RU); G10L 19/0204 (2013.01 - EP US); G10L 19/08 (2013.01 - EP US); G10L 19/083 (2013.01 - EP US)

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